1. QUICK REFERENCE

Operations such as selecting a preset station and adjusting the sound balance are carried out on the screen.

▶ Using the instrument panel

Press the **"RADIO"** or **"MEDIA"** button to display the audio/video screen.

▶ Using the Remote Touch

Press the **"MENU"** button on the Remote Touch, then select **"Radio"** or **"Media"** to display the audio/video screen.

If a Mark Levinson brand audio system is installed, the "Mark Levinson" logo is shown on the panel.



No.	Name	Function	Page
1	Function menu tab	Select the desired radio or media mode screen tab.	211
2	Function menu display screen	Select to control the selected radio or media mode.	211
3	Disc slot	Insert discs into the slot.	232
4	“MEDIA” button	Press to display the media control screen.	211
5	“TUNE·SCROLL” knob	Turn to step up and step down the station band, change to the next or previous satellite radio channel, or skip to the next or previous track, DVD chapter, etc.	217, 226, 233, 235, 240, 254, 260, 268
6	“PRST·TRACK” button	Press the “>” or “<” button to preset up or down for a station or channel, or to change a desired track, file or chapter. Press and hold the “>” or “<” button to seek up or down for a station or channel, or to fast forwarding/rewinding for a track, file or chapter.	218, 227, 233, 235, 240, 254, 260, 268
7	“PWR·VOL” knob	Press to turn the audio/video system on and off, and turn to adjust the volume.	211
8	“RADIO” button	Press to display the radio control screen.	211
9	“▶‖” button	Press to mute/unmute or pause/resume the current operation.	–
10	“⏏” button	Press to eject a disc.	232

2. SOME BASICS

This section describes some of the basic features of the audio/video system. Some information may not pertain to your system.

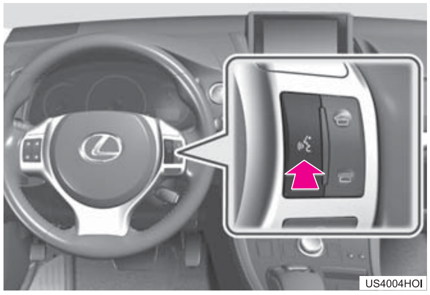
Your audio/video system works when the “POWER” switch is turned to ACCESSORY or ON mode.

NOTICE

- To prevent the 12-volt battery from being discharged, do not leave the audio/video system on longer than necessary when the hybrid system is not operating.

VOICE COMMAND SYSTEM

Press this switch to operate the voice command system.



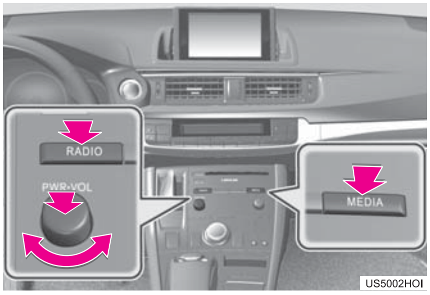
- For the operation of the voice command system and its list of commands, see pages 306 and 315.

AUDIO SPLIT SCREEN DISPLAY

The audio split screen can be displayed while the map screen is displayed. For details, see page 47.



TURNING THE SYSTEM ON AND OFF



"RADIO", **"MEDIA"** button: Press to display screen buttons for the audio/video system.

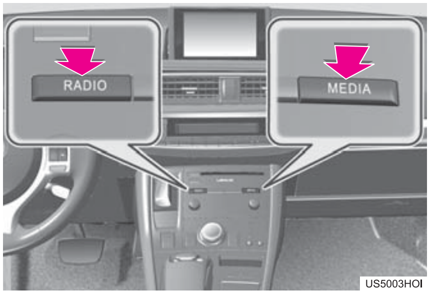
"PWR·VOL" knob: Press to turn the audio/video system on and off. Turn this knob to adjust the volume. The system turns on in the last mode used.

- A function that enables automatic return to the previous screen from the audio/video screen can be selected. See page 52 for details.

SWITCHING BETWEEN FUNCTIONS

▶Using the instrument panel

1 Each time the **"RADIO"** or **"MEDIA"** button is pressed, the audio control mode changes.

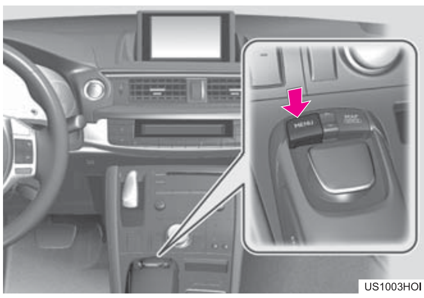


"RADIO" button: To display the **"AM"**, **"FM"**, **"SAT"** and **"Apps"** tabs on the screen. (Radio mode)

"MEDIA" button: To display the **"DISC"**, **"BT Audio"**, **"AUX"**, **"USB"** and **"iPod"** tabs on the screen. (Media mode)

▶Using the Remote Touch

1 Press the **"MENU"** button on the Remote Touch.



2 Select **“Radio”** or **“Media”**.



3 Select the desired tab.



- Up to 4 tabs can be displayed on the screen. Select or , located either side of the screen tabs, to display tabs from the previous or next page.
- The desired audio mode can be found by selecting or and then selecting that audio mode tab.

INFORMATION

- If a disc is not inserted, the DVD player cannot be turned on.
- The DVD player can be turned off by ejecting a disc.
- When radio or media mode is selected, the respective screen buttons are displayed on the screen.
- Dimmed screen buttons cannot be operated.

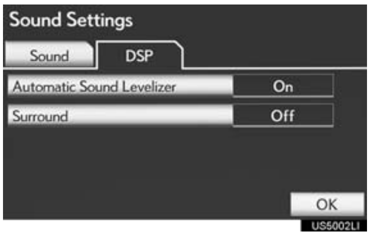
DSP CONTROL

1 Press the **“RADIO”** or **“MEDIA”** button. (Using the instrument panel)
Press the **“MENU”** button on the Remote Touch and select **“Radio”** or **“Media”**. (Using the Remote Touch)

2 Select Sound.



3 Select the **“DSP”** tab to display this screen.



4 Select the desired items to be set.

5 Select **“OK”**.

AUTOMATIC SOUND LEVELIZER (ASL)

The system adjusts to the optimum volume and tone quality according to vehicle speed to compensate for increased vehicle noise.

1 Select **"Automatic Sound Levelizer"**.

2 Select **"On"** or **"Off"**.

SURROUND FUNCTION

This function can create a feeling of presence.

1 Select **"Surround"**.

2 Select **"On"** or **"Off"**.

TONE AND BALANCE

TONE

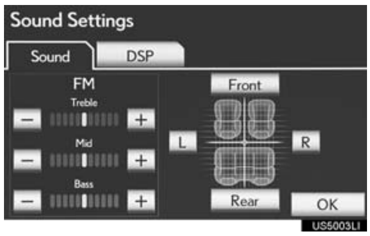
How good an audio program sounds is largely determined by the mix of the treble, mid and bass levels. In fact, different kinds of music and vocal programs usually sound better with different mixes of treble, mid and bass.

BALANCE

A good balance of the left and right stereo channels and of the front and rear sound levels is also important.

Keep in mind that when listening to a stereo recording or broadcast, changing the right/left balance will increase the volume of 1 group of sounds while decreasing the volume of another.

1 Select the **"Sound"** tab to display this screen.



2 Select the desired screen button.

Screen button	Function
"Treble" "+" or "-"	Select to adjust high-pitched tones.
"Mid" "+" or "-"	Select to adjust mid-pitched tones.
"Bass" "+" or "-"	Select to adjust low-pitched tones.
"Front" or "Rear"	Select to adjust the sound balance between the front and rear speakers.
"L" or "R"	Select to adjust the sound balance between the left and right speakers.

3 Select **"OK"**.

INFORMATION

● The tone of each mode (such as AM, FM and DVD player) can be adjusted.

SELECTING SCREEN SIZE

Before selecting screen size, it is necessary to insert a DVD disc and select DISC mode.

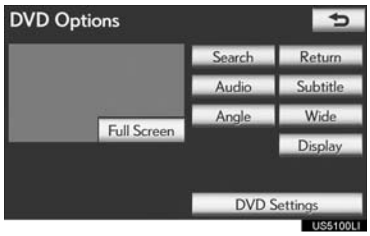
1 Press the **"MEDIA"** button. (Using the instrument panel)
Press the **"MENU"** button on the Remote Touch and select **"Media"**. (Using the Remote Touch)

2 Select the **"DISC"** tab.

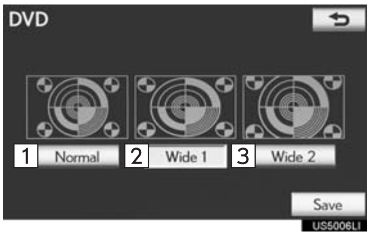
3 Select **"Options"**.



4 Select **"Wide"**.



5 Select the desired screen button.



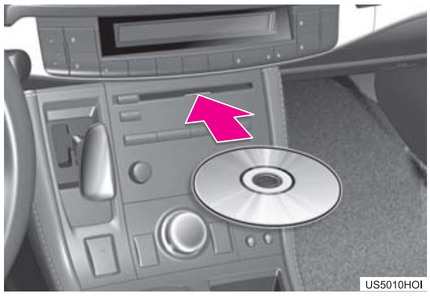
No.	Function
1	Select to display a 3 : 4 screen, with either side in black.
2	Select to widen the 3 : 4 screen horizontally to fill the screen.
3	Select to widen the 3 : 4 screen vertically and horizontally, by the same ratio, to fill the screen.

● When [back button] is selected, the previous screen is displayed.

6 Select **"Save"**.

DVD PLAYER

1 When inserting a disc, gently insert the disc with the label facing up.



NOTICE

● Never try to disassemble or oil any part of the DVD player. Do not insert anything other than a disc into the slot.

INFORMATION

● The player is intended for use with 4.7 in. (12 cm) discs only.

AUX PORT

The sound of portable audio players connected to the AUX port can be enjoyed. For details, refer to "Owner's Manual".

1 Press the **"MEDIA"** button to display the media control screen and select the **"AUX"** tab or press the **"MEDIA"** button repeatedly to change to AUX mode.

- For the Remote Touch operation method, see "SWITCHING BETWEEN FUNCTIONS" on page 211.

CAUTION

- Do not connect portable audio device or operate the controls.

NOTICE

- Depending on the size and shape of the portable audio device that is connected to the system, the lid may not close fully. In this case, do not forcibly close the lid as this may damage the portable audio device or the terminal, etc.
- Do not leave portable audio device in the vehicle. The temperature inside the vehicle may become high, resulting in damage to the player.
- Do not push down on or apply unnecessary pressure to the portable audio device while it is connected as this may damage the portable audio device or its terminal.
- Do not insert foreign objects into the port as this may damage the portable audio device or its terminal.

INFORMATION

- When the portable audio player is not connected to the AUX port, the tab will be dimmed.

USB PORT

A USB memory/iPod can be connected to the USB port. For details, see "CONNECTING A USB MEMORY" on page 253 and "CONNECTING iPod" on page 259.

1 Press the **"MEDIA"** button to display the media control screen and select the **"USB"** or **"iPod"** tab or press the **"MEDIA"** button repeatedly to change to USB memory/iPod mode.

- For the Remote Touch operation method, see "SWITCHING BETWEEN FUNCTIONS" on page 211.

INFORMATION

- When a USB memory/iPod is not connected with the USB port, the tab will be dimmed.

3. RADIO OPERATION

LISTENING TO THE RADIO

SELECTING A RADIO STATION

1 Press the **"RADIO"** button.

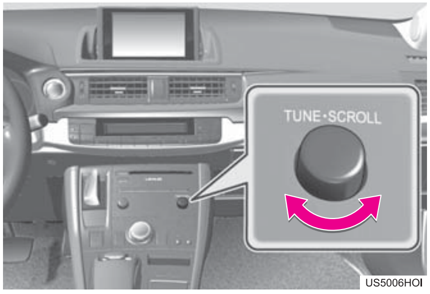


2 Select the **"AM"**, **"FM"**, **"SAT"** or **"Apps"** tab or press the **"RADIO"** button repeatedly to select the desired tab.

● For the Remote Touch operation method, see "SWITCHING BETWEEN FUNCTIONS" on page 211.

STEP UP AND DOWN THE STATION BAND

1 Turn the knob clockwise to step up the station band or counterclockwise to step down.



INFORMATION

● The radio automatically changes to stereo reception when a stereo broadcast is received.

PRESETTING A STATION

Radio mode has a mix preset function, which can store up to 36 stations (6 stations per page x 6 pages) from any of the AM, FM or SAT bands.

1 Tune in the desired station.

2 Select one of the left side screen buttons (**1-6**) and hold it until a beep is heard. This sets the frequency to the screen button. The station's frequency will be displayed in the screen button.



- To change the preset station to a different one, follow the same procedure.

SELECTING A STATION

Tune in the desired station using one of the following methods.

Preset tuning: Select one of the mix preset channels on the left side of the screen or press the “>” or “<” button of **“PRST·TRACK”** to select the desired station. The screen button is highlighted and the station frequency appears on the screen.

Seek tuning: Press and hold the “>” or “<” button of **“PRST·TRACK”**. The radio will begin seeking up or down for a station of the nearest frequency and will stop when a station is found. Each time the button is pressed, the stations will be searched automatically one after another.

To scan all the frequencies: Select **“SCAN”**. “SCAN” will appear on the screen. The radio will find the next station and stay there for 10 seconds if **“All”** or **“HD Only”** is selected, or 5 seconds if **“Analog”** is selected, and then scan again. To stay tuned to a station and stop the scanning, select **“SCAN”** again. (To set HD Radio™ system, see page 287.)

RADIO BROADCAST DATA SYSTEM

This audio system is equipped with Radio Broadcast Data Systems (RBDS). RBDS mode allows text messages to be received from radio stations that utilize RBDS transmitters.

When RBDS is on, the radio can
– only select stations of a particular program type,
– display messages from radio stations,
– search for a stronger signal station.

RBDS features are available only when listening to an FM station that broadcasts RBDS information and the “FM info” indicator is on.

SELECTING A DESIRED TYPE

1 Select **“Options”**.



2 Select **“TYPE >”** or **“< TYPE”** to move forward and backward through the program list.



- Once a program type has been set, “TYPE SEEK” will appear on the screen.
- The program list is in the following order:
  - Classical
  - Country
  - EasyLis (Easy Listening)
  - Inform (Information)
  - Jazz
  - News
  - Oldies
  - Other
  - Pop Music
  - Religion
  - Rock
  - R&B (Rhythm and Blues)
  - Sports
  - Talk
  - Traffic (Not available when “HD Radio Settings” are set to analog.)
  - Alert (Emergency Alert)

3 Select **“TYPE SEEK”** and the system will start to seek for stations in the relevant program type.

INFORMATION

- If no relevant program can be found, “no type” will appear on the screen.

TRAFFIC ANNOUNCEMENT

A station that regularly broadcasts traffic information is automatically located.



"Traffic": Select to seek a traffic program station. "TRAF SEEK" will appear on the screen.

INFORMATION

- If no traffic program station is found, "No Traffic" will appear on the screen.
- If a traffic program station is found, the name of the traffic program station will be displayed for a while.

4. HD Radio™ TECHNOLOGY INFORMATION

HD Radio™ Technology is the digital evolution of analog AM/FM radio. Your radio product has a special receiver which allows it to receive digital broadcasts (where available) in addition to the analog broadcasts it already receives. Digital broadcasts have better sound quality than analog broadcasts as digital broadcasts provide free, crystal clear audio with no static or distortion. For more information, and a guide to available radio stations and programming, refer to www.hdradio.com.

USING HD Radio™ TECHNOLOGY

1 Press the **"RADIO"** button.



2 Select the **"AM"** or **"FM"** tab or press the **"RADIO"** button repeatedly to select the desired tab.



- For the Remote Touch operation method, see "SWITCHING BETWEEN FUNCTIONS" on page 211.
- As a user works through the analog radio stations, (where applicable) the radio receiver will automatically tune from an analog signal to a digital signal within 5 seconds.
- An orange "HD)" logo indicator will be displayed on the screen when in digital. The "HD)" logo will first appear in a gray color indicating the station is indeed (an analog and) a digital station. Once the digital signal is acquired, the logo will change to a bright orange color.
- The song title, artist name and music genre will appear on the screen when available by the radio station.

3 This screen will be displayed if **"Options"** is selected.



- When **"Text"** is selected, information such as the artist name, song title, album title and music genre of the track being listened to are displayed on the text screen. To display messages from the station, select **"Additional Information"**.
- When **"TYPE >"** or **"< TYPE"** is selected, a program type will be searched. Once a program type has been set, "TYPE SEEK" will appear on the screen. (See "SELECTING A DESIRED TYPE" on page 219.)

AVAILABLE HD Radio™ TECHNOLOGY

MULTICAST

On the FM radio frequency most digital stations have “multiple” or supplemental programs on one FM station.

1 Select **“Multicast”**.



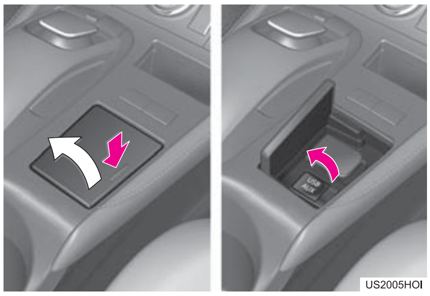
- Each time **“Multicast”** is selected, the supplemental program changes.
- If **“Multicast”** is selected when tuned to the last of the supplemental programs, the main program will be returned to.

TAG

1 Select **“Tag”** to bookmark the music information.



2 Press the lid, open the cover and connect a USB memory.



- Turn on the power of the iPod if it is not turned on.
- Once an iPod is connected, the music tag moves from the radio into the iPod.
- When the iPod is connected to iTunes, the “tagged” information of the songs which were tagged while listening to the radio can be viewed. Then a user may decide to purchase the song or CD/Album which had been listened to on their radio.

INFORMATION

- If tagging the music information fails, “Saving the HD Radio tag failed.” will be displayed on the screen. If this occurs, tag the information again.
- HD Radio™ stations can be preset.

TROUBLESHOOTING GUIDE

Experience	Cause	Action
Mismatch of time alignment- a user may hear a short period of programming replayed or an echo, stutter or skip.	The radio stations analog and digital volume is not properly aligned or the station is in ballgame mode.	None, radio broadcast issue. A user can contact the radio station.
Sound fades, blending in and out.	Radio is shifting between analog and digital audio.	Reception issue, may clear-up as the vehicle continues to be driven. Selecting **"Analog"** can force radio in an analog audio.
Audio mute condition when an HD2/HD3 multicast channel had been playing.	The radio does not have access to digital signals at the moment.	This is normal behavior, wait until the digital signal returns. If out of the coverage area, seek a new station.
Audio mute delay when selecting an HD2/HD3 multicast channel preset.	The digital multicast content is not available until HD Radio™ broadcast can be decoded and make the audio available. This takes up to 7 seconds.	This is normal behavior, wait for the audio to become available.
Text information does not match the present song audio.	Data service issue by the radio broadcaster.	Broadcaster should be notified. Complete the form; www.ibiquity.com/automotive/report_radio_station_experiences.
No text information shown for the present selected frequency.	Data service issue by the radio broadcaster.	Broadcaster should be notified. Complete the form; www.ibiquity.com/automotive/report_radio_station_experiences.

HD Radio®

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5. RADIO OPERATION (XM Satellite Radio BROADCAST)

HOW TO SUBSCRIBE TO AN XM Satellite Radio

To listen to a satellite radio broadcast in the vehicle, a subscription to the XM Satellite Radio service is necessary.

An XM Satellite Radio is a tuner designed exclusively to receive broadcasts provided under a separate subscription. Availability is limited to the 48 contiguous U.S. states and some Canadian provinces.

HOW TO SUBSCRIBE

It is necessary to enter into a separate service agreement with XM Satellite Radio in order to receive satellite broadcast programming in the vehicle. Additional activation and service subscription fees apply that are not included in the purchase price of the vehicle and digital satellite tuner.

- For complete information on subscription rates and terms, or to subscribe to XM Satellite Radio:

▶ U.S.A.
Refer to www.siriusxm.com or call 1-877-515-3987.

▶ Canada
Refer to www.xmradio.ca or call 1-877-438-9677.

INFORMATION

- XM Satellite Radio is solely responsible for the quality, availability and content of the satellite radio services provided, which are subject to the terms and conditions of the XM Satellite Radio customer service agreement.
- Customers should have their radio ID ready; the radio ID can be found by tuning to “CH 000” on the radio. For details, see “DISPLAYING THE RADIO ID” below.
- All fees and programming are the responsibility of XM Satellite Radio and are subject to change.

SATELLITE TUNER TECHNOLOGY NOTICE

Lexus's satellite radio tuners are awarded Type Approval Certificates from XM Satellite Radio Inc. as proof of compatibility with the services offered by XM Satellite Radio.

DISPLAYING THE RADIO ID

Each XM tuner is identified with a unique radio ID. The radio ID is required when activating an XM service or when reporting a problem.

- If "CH 000" is selected using the **"TUNE·SCROLL"** knob, the ID code, which is 8 alphanumeric characters, will be displayed. If another channel is selected, the ID code will no longer be displayed. The channel (000) alternates between displaying the radio ID and the specific radio code.

LISTENING TO SATELLITE RADIO

1 Press the **"RADIO"** button.



2 Select the **"SAT"** tab or press the **"RADIO"** button repeatedly until the **"SAT"** tab is selected.



- For the Remote Touch operation method, see "SWITCHING BETWEEN FUNCTIONS" on page 211.

3 Turn the **"TUNE·SCROLL"** knob to select the next or previous channel.

- Turning the knob quickly allows rapid scrolling through the channel list.

CHANNEL CATEGORY

1 Select either **"TYPE >"** or **"< TYPE"** to go to the next or previous category.



PRESETTING A CHANNEL

1 Tune in the desired channel.

2 Select one of the left side screen buttons (**1-6**) and hold it until a beep is heard. This sets the frequency to the screen button. The channel number will be displayed in the screen button.



- To change the preset channel to a different one, follow the same procedure.

SELECTING A CHANNEL

Tune in the desired channel using one of the following methods.

Preset tuning: Select the channel selector screen button (**1-6**) or press the ">" or "<" button of **"PRST·TRACK"** to listen to the desired channel. The selected screen button (**1-6**) is highlighted and its related information appears on the right side of the screen.

To select a channel within the current category: Press and hold the ">" or "<" button of **"PRST·TRACK"**. The radio will change up or down to a channel within the current channel category.



To scan the currently selected channel category: Select **"SCAN"**. "SCAN" appears on the screen. The radio will find the next channel in the same channel category, stay there for a few seconds, and then scan again. To select a channel, select **"SCAN"** again.

DISPLAYING THE TITLE AND NAME

1 Select **"Text"** to display the artist name and song title currently being listening to.



INFORMATION

● Up to 64 alphanumeric characters can be displayed. (Some information will not be fully displayed.)

IF THE SATELLITE RADIO TUNER MALFUNCTIONS

When problems occur with the XM tuner, a message will appear on the screen. Referring to the table below to identify the problem, take the suggested corrective action.

Message	Explanation
Ck Antenna	The XM antenna is not connected. Check whether the XM antenna cable is attached securely.
	A short circuit occurs in the antenna or the surrounding antenna cable. See a Lexus certified dealer for assistance.
Ch Unauth	You have not subscribed to XM Satellite Radio. The radio is being updated with the latest encryption code. Contact XM Satellite Radio for subscription information. When a contract is canceled, you can choose "CH 000" and all free-to-air channels.
	The premium channel you selected is not authorized. Wait for about 2 seconds until the radio returns to the previous channel or "CH 001". If it does not change automatically, select another channel. To listen to the premium channel, contact XM Satellite Radio.
No Signal	The XM signal is too weak at the current location. Wait until your vehicle reaches a location with a stronger signal.
Loading	The unit is acquiring audio or program information. Wait until the unit has received the information.
Ch Off Air	The channel you selected is not broadcasting any programming. Select another channel.
-----	There is no song/program title or artist name/feature associated with the channel at that time. No action is required.
Ch Unavail	The channel you selected is no longer available. Wait for about 2 seconds until the radio returns to the previous channel or "CH 001". If it does not change automatically, select another channel.

INFORMATION

- Contact the XM Listener Care Center at 1-877-515-3987 (U.S.A.) or 1-877-438-9677 (Canada).

NOTICE

- This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
- If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.
- Information to user
  - Alternation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

INFORMATION

- This XM tuner supports "Audio Services" (Music and Talk) of only XM Satellite Radio and "Text Information*" linked to the respective "Audio Services".

  *: Text Information includes, Station Name, (Artist) Name, (Song) Title and Category Name.

6. RADIO OPERATION (INTERNET RADIO BROADCAST)

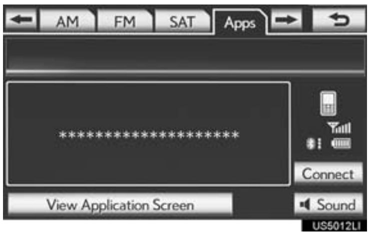
LISTENING TO INTERNET RADIO

One of Apps's features is the ability to listen to internet radio. In order to use this service, an Apps compatible phone and the navigation system needs to be set. For details, refer to the "APPS" section. (See page 354.)

1 Press the **"RADIO"** button.



2 Select the **"Apps"** tab or press the **"RADIO"** button repeatedly until the **"Apps"** tab is selected.



- For the Remote Touch operation method, see "SWITCHING BETWEEN FUNCTIONS" on page 211.
- If a compatible phone is already registered, it will be connected automatically.
- If a compatible phone has not been registered or the Bluetooth® connection cannot be completed correctly, select **"Connect"** to register and/or connect your phone. (See page 195.)
- When connection is complete, the application screen can be displayed.

3 Select **"View Application Screen"**.

- The internet radio application screen is displayed.
- Perform operations according to the displayed application screen.
- By pressing the **"RADIO"** button, the "Audio" screen can be returned to.

INFORMATION

- Other applications can be activated while listening to internet radio.
- An iPhone cannot be connected via Bluetooth® and USB connection at the same time. However, it is possible to recharge an iPhone while using Apps by connecting via USB. The system uses the connection method that was used last. Therefore, if connected via USB after Bluetooth® connection, it is necessary to reconnect the iPhone via Bluetooth®.
- Services requiring a separate contract can also be used.*
- Some parts of "Apps" can be adjusted using the switches on the steering wheel.
- If internet radio has never been listened to by activating "Apps" from the "Information" screen, the **"Apps"** tab will be dimmed.

*: For details, refer to http://www.lexus.com/enform/ or call 1-800-255-3987.

7. DVD PLAYER OPERATION

For safety reasons, the DVD video discs can only be viewed when the following conditions are met:

(a) The vehicle is completely stopped.

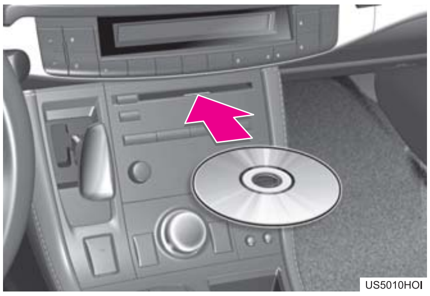
(b) The "POWER" switch is in ACCESSORY or ON mode.

(c) The parking brake is applied.

While driving in DVD video mode, only the DVD's audio can be heard.

INSERTING A DISC

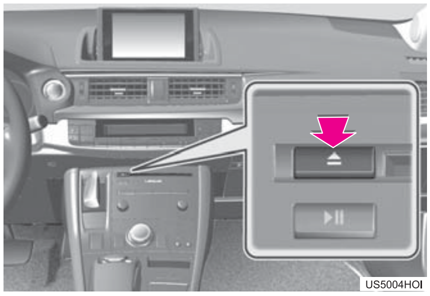
1 Insert a disc into the disc slot.



- After insertion, the disc is automatically loaded.

EJECTING A DISC

1 Press the "⏏" button and remove the disc.

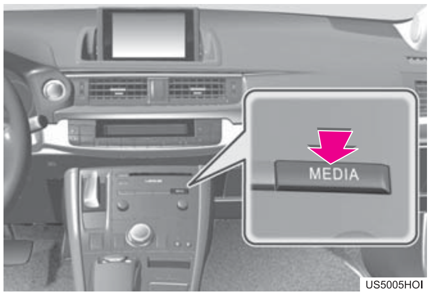


INFORMATION

- If a disc is inserted with the label facing down, it cannot be played.

PLAYING A DISC

1 Press the "**MEDIA**" button if a disc has already been loaded in the disc slot.



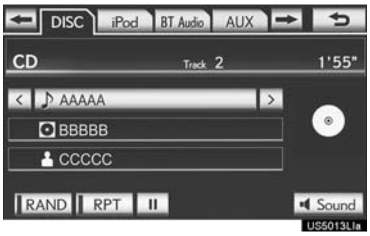
2 Select the **“DISC”** tab or press the **“MEDIA”** button repeatedly until the **“DISC”** tab is selected.



- For the Remote Touch operation method, see “SWITCHING BETWEEN FUNCTIONS” on page 211.

PLAYING AN AUDIO DISC

1 Select the **“DISC”** tab.



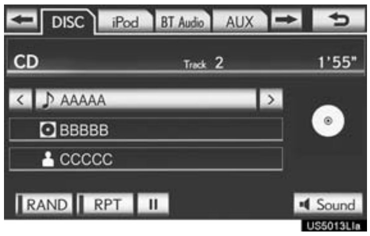
- When CD-TEXT information exists, the name and artist of the CD currently being listened to will be displayed.

: Select to pause the track.

: Select to resume playing the track.

SELECTING A DESIRED TRACK

■ ON THE AUDIO TOP SCREEN



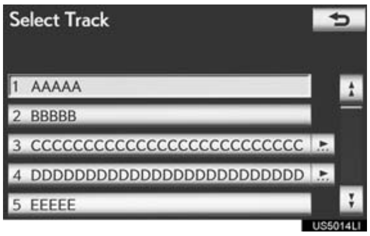
, : Select to skip to the next or previous track.

“PRST·TRACK” button: Press the “>” or “<” button of **“PRST·TRACK”** repeatedly until the desired track number appears on the screen. The player will start playing the selected track from the beginning.

“TUNE·SCROLL” knob: Turn the knob clockwise or counterclockwise to skip to the desired track.

ON THE TRACK LIST SCREEN

1 Select the track name screen button to display the CD's track list.



2 Select the desired track number. The player will start playing the selected track from the beginning.

, : Select to move the list up or down by 5 track groups. If either of these screen buttons is selected when the top/bottom page of the list is displayed, the last/first page is displayed.

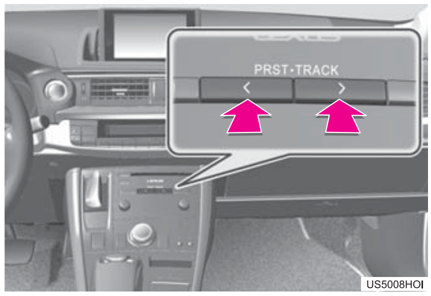
"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** to scroll through the track list one by one.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the track list.

, : If appears to the right of an item name, the complete name is too long for the screen. Select to scroll to the end of the name. Select to move to the beginning of the name.

FAST FORWARDING OR REWINDING

1 Press and hold the ">" or "<" button of **"PRST·TRACK"** to fast forward or rewind the disc.



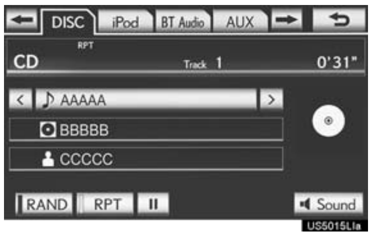
- When the button is released, the player resumes playing from that position.

REPEATING

The track currently being listened to can be repeated.

REPEATING A TRACK

1 Select **"RPT"** while the track is playing.



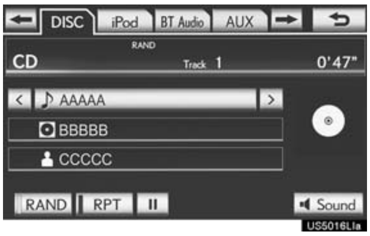
- "RPT" appears on the screen. When the track is finished, the player will automatically play it again. To cancel this function, select **"RPT"** again.

RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

■ PLAYING THE TRACKS ON THE DISC IN RANDOM ORDER

1 Select **“RAND”** while the disc is playing.



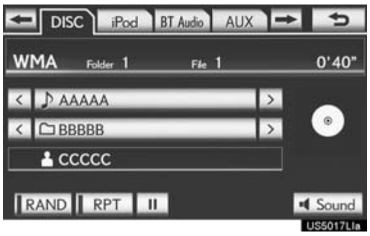
- Once “RAND” appears on the screen, the system selects a track randomly from the disc currently being listened to. To cancel this function, select **“RAND”** again.

INFORMATION

- If a CD-TEXT disc is inserted, the title of the disc and track will be displayed. Up to 32 characters can be displayed.

PLAYING AN MP3/WMA DISC

1 Select the **“DISC”** tab.



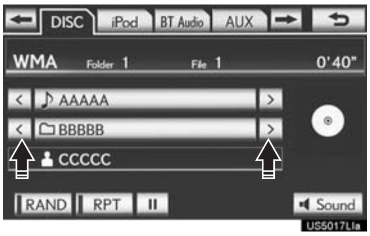
- The file name, folder name and artist name currently being listened to and the disc icon are displayed on the screen.

: Select to pause the file.

: Select to resume playing the file.

SELECTING A DESIRED FOLDER

■ ON THE AUDIO TOP SCREEN



, : Select to skip to the next or previous folder.

■ ON THE FOLDER LIST SCREEN

1 Select the folder name screen button to display the following folder list screen.



2 Select the desired folder number to display the folder's file list. From the file list, select the desired file number.

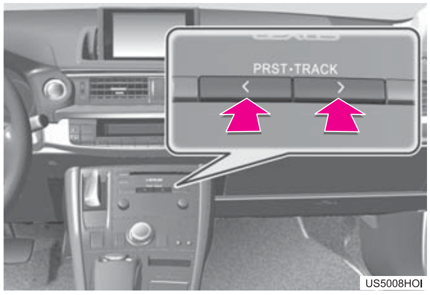
, : Select to move the list up or down by 5 folder groups. If either of these screen buttons is selected when the top/bottom page of the list is displayed, the last/first page is displayed.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the folder list.

, : If appears to the right of an item name, the complete name is too long for the screen. Select to scroll to the end of the name. Select to move to the beginning of the name.

■ FAST FORWARDING OR REWINDING

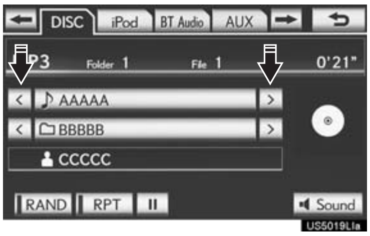
1 Press and hold the ">" or "<" button of **"PRST·TRACK"** to fast forward or rewind the file.



- When the button is released, the player resumes playing from that position.

SELECTING A DESIRED FILE

■ ON THE AUDIO TOP SCREEN



, : Select to skip to the next or previous file.

"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** repeatedly until the desired file number appears on the screen. The player will start playing the selected file from the beginning.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to skip to the desired file.

ON THE FILE LIST SCREEN

1 Select the file name screen button to display the following file list screen.



2 Select the desired file number. The player will start playing the selected file from the beginning.

, : Select to move the list up or down by 5 file groups. If either of these screen buttons is selected when the top/bottom page of the list is displayed, the last/first page is displayed.

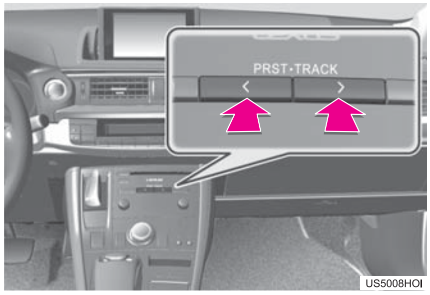
"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** to scroll through the file list one by one.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the file list.

, : If appears to the right of an item name, the complete name is too long for the screen. Select to scroll to the end of the name. Select to move to the beginning of the name.

FAST FORWARDING OR REWINDING

1 Press and hold the ">" or "<" button of **"PRST·TRACK"** to fast forward or rewind the file.



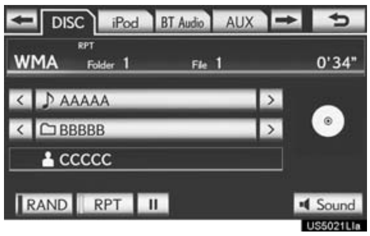
● When the button is released, the player resumes playing from that position.

REPEATING

The file or folder currently being listened to can be repeated.

REPEATING A FILE

1 Select **"RPT"** while the file is playing.



- Each time **"RPT"** is selected, the mode changes as follows:

▶ When "RAND" is off

- File Repeat → Folder Repeat → Off

▶ When "RAND" is on

- File Repeat → Off

- "RPT" appears on the screen. When the file is finished, the player will automatically play it again. To cancel this function, select **"RPT"** repeatedly until the repeat mode turns off.

REPEATING A FOLDER

1 Select **"RPT"** repeatedly until "FLD.RPT" appears on the screen.

- When the folder is finished, the player will automatically go back to the beginning of the folder and play it again. To cancel this function, select **"RPT"** again.

RANDOM ORDER

Files or folders can be automatically and randomly selected.

PLAYING FILES FROM ONE FOLDER IN RANDOM ORDER

1 Select **"RAND"** while the disc is playing.



- Each time **"RAND"** is selected, the mode changes as follows:
  - Random (1 Folder Random) → Folder Random (1 Disc Random) → Off

- Once "RAND" appears on the screen, the system selects a file randomly from the folder currently being listened to. To cancel this function, select **"RAND"** repeatedly until the random mode turns off.

PLAYING THE FILES IN ALL THE FOLDERS ON THE DISC IN RANDOM ORDER

1 Select **"RAND"** repeatedly until "FLD.RAND" appears on the screen.

- Once "FLD.RAND" appears on the screen, the system selects a file randomly from all of the existing folders. To cancel this function, select **"RAND"** again.

INFORMATION

- When a file is skipped or the system is inoperative, select **"RAND"** to reset.

OPERATING A DVD DISC

The playback condition of some DVD discs may be determined by the DVD software producer. This DVD player plays a disc as the software producer intended. As such some functions may not work properly. Be sure to read the instruction manual that comes with the individual DVD disc. For detailed information about DVD video discs, see "DVD PLAYER AND DVD VIDEO DISC INFORMATION" on page 251.

PRECAUTIONS ON DVD VIDEO DISC

When recording with a DVD video, audio tracks may not record in some cases while the menu is displayed. As audio will not play in this case, verify that the video tracks are playing and then activate playback.

When playback of a disc is completed:

If an audio CD or MP3/WMA disc is playing, the first track or file starts.

If a DVD video is playing, playback will stop or the menu screen will be displayed.

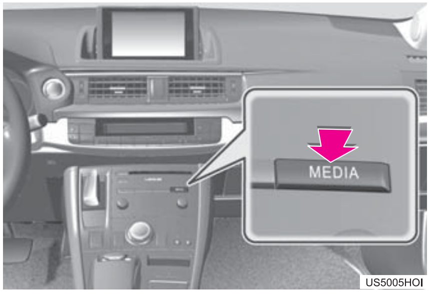
The title/chapter number and playback time display may not appear while playing back certain DVD video discs.

CAUTION

- Conversational speech on some DVDs is recorded at a low volume to emphasize the impact of sound effects. If you adjust the volume assuming that the conversations represent the maximum volume level that the DVD will play, you may be startled by louder sound effects or when you change to a different audio source. The louder sounds may have a significant impact on the human body or pose a driving hazard. Keep this in mind when you adjust the volume.

PLAYING A DVD DISC

1 Press the **“MEDIA”** button if a disc has already been loaded in the disc slot.



2 Select the **“DISC”** tab or press the **“MEDIA”** button repeatedly until the **“DISC”** tab is selected.



- For the Remote Touch operation method, see “SWITCHING BETWEEN FUNCTIONS” on page 211.
- Select **“Options”** on the “DVD” screen, then select **“Wide”** on the “DVD Options” screen. The screen mode can be changed.
- If **“Full Screen”** is selected when the vehicle is completely stopped and the parking brake is applied, the video screen returns.

DISPLAYING DVD CONTROLS



- If [icon] is selected, while watching a DVD, the DVD controls will appear.

INFORMATION

- If [icon] appears on the screen when a control is selected, the operation relevant to the control is not permitted.

DESCRIPTION OF DVD VIDEO CONTROLS

Screen button	Function
“Top Menu”, “Menu”	Select to display the menu screen for DVD video.
	The menu control key appears on the screen. (See page 241.)
	Select to pause the video screen.
	Select to rewind during playback.
	Select to stop the video screen.
	Select to resume normal play during pause.
	Select to fast forward during playback and forward frame by frame during pause.

CHANGING A CHAPTER

1 Press the “>” or “<” button of **“PRST·TRACK”** or turn the **“TUNE·SCROLL”** knob to change the chapter.

SELECTING A MENU ITEM

1 Select the menu item using , ,  or  and select **“Enter”**. The player starts playing the disc from the start of the selected item.



- When  is selected, the previous screen is displayed.

INFORMATION

- According to the DVD disc, some menu items can be selected directly. (For details, see the manual that comes with the DVD disc provided separately.)

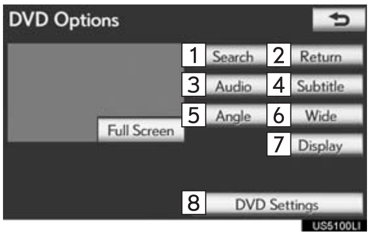
DVD OPTIONS

1 Select the **“DISC”** tab.

2 Select **“Options”**.



3 This screen is displayed.

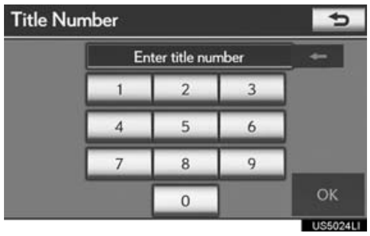


No.	Function
1	Select to display the title search screen. (See page 242.)
2	Select to display the predetermined scene on the screen and start playing.
3	Select to display the audio selection screen. (See page 243.)
4	Select to display the subtitle selection screen. (See page 243.)
5	Select to display the angle selection screen. (See page 243.)
6	Select to display the screen mode screen. (See page 214.)
7	Select to display the image quality adjustment screen. (See page 243.)
8	Select to display the initial setup screen. (See page 244.)

SEARCHING BY TITLE

1 Select **“Search”** on the “DVD Options” screen.

2 Enter the title number and select **“OK”**.

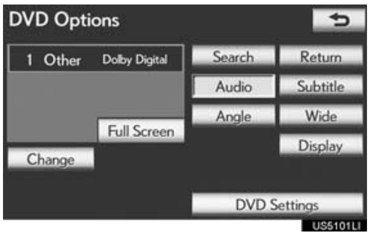


- The player starts playing video for that title number.
- If the wrong numbers are entered, select [←] to delete the numbers.
- When [back] is selected, the previous screen is displayed.

CHANGING THE AUDIO LANGUAGE

1 Select **"Audio"** on the "DVD Options" screen.

2 Each time **"Change"** is selected, the audio language is changed.

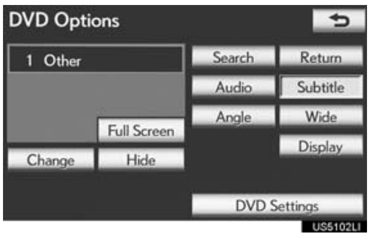


- The languages available are restricted to those available on the DVD disc.
- When [back button] is selected, the previous screen is displayed.

CHANGING THE SUBTITLE LANGUAGE

1 Select **"Subtitle"** on the "DVD Options" screen.

2 Each time **"Change"** is selected, the language the subtitles are displayed in is changed.



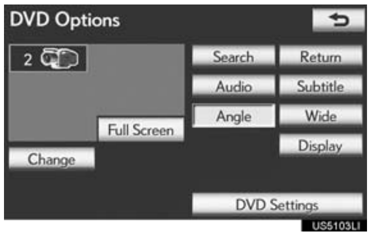
- The languages available are restricted to those available on the DVD disc.
- When **"Hide"** is selected, the subtitles can be hidden.
- When [back button] is selected, the previous screen is displayed.

CHANGING THE ANGLE

The angle can be selected for discs that are multi-angle compatible when the angle mark appears on the screen.

1 Select **"Angle"** on the "DVD Options" screen.

2 Each time **"Change"** is selected, the angle is changed.



- The angles available are restricted to those available on the DVD disc.
- When [back button] is selected, the previous screen is displayed.

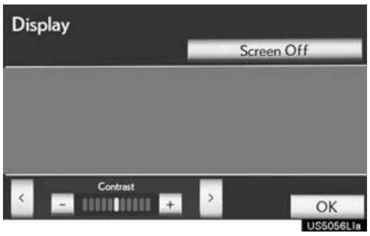
AUDIO SCREEN ADJUSTMENT

The brightness, contrast, color and tone of the screen can be adjusted. In addition, the display can be turned off and the screen can be changed to either day or night mode.

CONTRAST, BRIGHTNESS, COLOR AND TONE ADJUSTMENT

1 Select **“Display”** on the “DVD Options” screen.

2 Select **“<”** or **“>”** to display the desired item to be adjusted.



Screen button	Function
“Contrast” “+”	Select to strengthen the contrast of the screen.
“Contrast” “-”	Select to weaken the contrast of the screen.
“Brightness” “+”	Select to brighten the screen.
“Brightness” “-”	Select to darken the screen.
“Color” “R”	Select to strengthen the red color of the screen.
“Color” “G”	Select to strengthen the green color of the screen.
“Tone” “+”	Select to strengthen the tone of the screen.
“Tone” “-”	Select to weaken the tone of the screen.

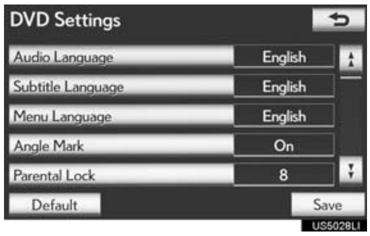
3 After adjusting the screen, select **“OK”**.

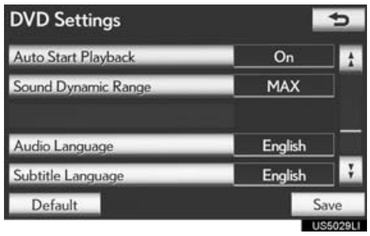
- The screen goes off when **“Screen Off”** is selected. To turn the screen back on, press any button on the audio panel or on the Remote Touch. The selected screen appears.

DVD SETTINGS

1 Select **“DVD Settings”** on the “DVD Options” screen.

2 Select the items to be set.





3 After the initial setting has been changed, select **“Save”**.

- This screen will close, and the system will return to the previous screen.
- When **“Default”** is selected, all menus are initialized.

■ AUDIO LANGUAGE

The audio language can be changed.

1 Select **"Audio Language"** on the "DVD Settings" screen.

2 Select the desired language to be heard on the "Audio Language" screen.

- If the desired language to be heard cannot be found on this screen, select **"Other"** and enter a language code. For entry of a language code, see "ENTER AUDIO/SUBTITLE/MENU LANGUAGE CODE" on page 247.
- To return to the "DVD Settings" screen, select .

3 Select **"Save"** on the "DVD Settings" screen.

■ SUBTITLE LANGUAGE

The subtitle language can be changed.

1 Select **"Subtitle Language"** on the "DVD Settings" screen.

2 Select the desired language to be read on the "Subtitle Language" screen.

- If the desired language to be read cannot be found on this screen, select **"Other"** and enter a language code. For entry of a language code, see "ENTER AUDIO/SUBTITLE/MENU LANGUAGE CODE" on page 247.
- To return to the "DVD Settings" screen, select .

3 Select **"Save"** on the "DVD Settings" screen.

■ MENU LANGUAGE

The language on the DVD video menu can be changed.

1 Select **"Menu Language"** on the "DVD Settings" screen.

2 Select the desired language to be read on the "Menu Language" screen.

- If the desired language to be read cannot be found on this screen, select **"Other"** and enter a language code. For entry of a language code, see "ENTER AUDIO/SUBTITLE/MENU LANGUAGE CODE" on page 247.
- To return to the "DVD Settings" screen, select .

3 Select **"Save"** on the "DVD Settings" screen.

■ ANGLE MARK

The multi-angle mark can be turned on or off on the screen while discs that are multi-angle compatible are being played.

1 Select **"Angle Mark"** on the "DVD Settings" screen.

2 Select **"On"** or **"Off"**.

3 Select **"Save"** on the "DVD Settings" screen.

■ PARENTAL LOCK

The level of viewer restrictions can be changed.

1 Select **"Parental Lock"** on the "DVD Settings" screen.

2 Enter the 4-digit personal code on the "Key Code" screen.

- If the wrong numbers are entered, select to delete the numbers.
- To return to the "DVD Settings" screen, select .

3 Select a parental level (**1-8**) on the "Select Restriction Level" screen.

- To return to the "DVD Settings" screen, select .

4 Select **"Save"** on the "DVD Settings" screen.

■ AUTO START PLAYBACK

Discs that are inserted while the vehicle is in motion will automatically start playing. Certain discs may not play.

1 Select **"Auto Start Playback"** on the "DVD Settings" screen.

2 Select **"On"** or **"Off"**.

3 Select **"Save"** on the "DVD Settings" screen.

■ SOUND DYNAMIC RANGE

The difference between the lowest volume and the highest volume can be adjusted.

1 Select **"Sound Dynamic Range"** on the "DVD Settings" screen.

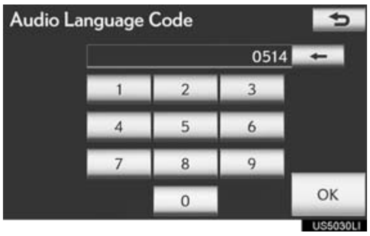
2 Select **"MAX"**, **"STD"** or **"MIN"**.

3 Select **"Save"** on the "DVD Settings" screen.

ENTER AUDIO/SUBTITLE/ MENU LANGUAGE CODE

If **"Other"** on the "Audio Language" screen, "Subtitle Language" screen or "Menu Language" screen is selected, the desired language to be heard or read can be selected by entering a language code.

1 Enter the 4-digit language code.



- If the wrong numbers are entered, select [←] to delete the numbers.
- To return to the "DVD Settings" screen, select [↩].

2 Select **"OK"**.

3 Select **"Save"** on the "DVD Settings" screen.

Code	Language
0514	English
1001	Japanese
0618	French
0405	German
0920	Italian
0519	Spanish
2608	Chinese
1412	Dutch
1620	Portuguese
1922	Swedish
1821	Russian
1115	Korean
0512	Greek
0101	Afar
0102	Abkhazian
0106	Afrikaans
0113	Amharic
0118	Arabic
0119	Assamese
0125	Aymara
0126	Azerbaijani
0201	Bashkir
0205	Byelorussian
0207	Bulgarian
0208	Bihari
0209	Bislama

Code	Language
0214	Bengali, Bangla
0215	Tibetan
0218	Breton
0301	Catalan
0315	Corsican
0319	Czech
0325	Welsh
0401	Danish
0426	Bhutani
0515	Esperanto
0520	Estonian
0521	Basque
0601	Persian
0609	Finnish
0610	Fiji
0615	Faroese
0625	Frisian
0701	Irish
0704	Scottish-Gaelic
0712	Galician
0714	Guarani
0721	Gujarati
0801	Hausa
0809	Hindi
0818	Croatian
0821	Hungarian

Code	Language
0825	Armenian
0901	Interlingua
0905	Interlingue
0911	Inupiak
0914	Indonesian
0919	Icelandic
0923	Hebrew
1009	Yiddish
1023	Javanese
1101	Georgian
1111	Kazakh
1112	Greenlandic
1113	Cambodian
1114	Kannada
1119	Kashmiri
1121	Kurdish
1125	Kirghiz
1201	Latin
1214	Lingala
1215	Laotian
1220	Lithuanian
1222	Latvian, Lettish
1307	Malagasy
1309	Maori
1311	Macedonian
1312	Malayalam

Code	Language
1314	Mongolian
1315	Moldavian
1318	Marathi
1319	Malay
1320	Maltese
1325	Burmese
1401	Nauru
1405	Nepali
1415	Norwegian
1503	Occitan
1513	(Afan) Oromo
1518	Oriya
1601	Panjabi
1612	Polish
1619	Pashto, Pushto
1721	Quechua
1813	Rhaeto-Romance
1814	Kirundi
1815	Romanian
1823	Kinyarwanda
1901	Sanskrit
1904	Sindhi
1907	Sango
1908	Serbo-Croatian
1909	Sinhalese
1911	Slovak

Code	Language
1912	Slovenian
1913	Samoan
1914	Shona
1915	Somali
1917	Albanian
1918	Serbian
1919	Siswati
1920	Sesotho
1921	Sundanese
1923	Swahili
2001	Tamil
2005	Telugu
2007	Tajik
2008	Thai
2009	Tigrinya
2011	Turkmen
2012	Tagalog
2014	Setswana
2015	Tongan
2018	Turkish
2019	Tsonga
2020	Tatar
2023	Twi
2111	Ukrainian
2118	Urdu
2126	Uzbek

Code	Language
2209	Vietnamese
2215	Volapük
2315	Wolof
2408	Xhosa
2515	Yoruba
2621	Zulu

IF THE PLAYER MALFUNCTIONS

If the player or another unit equipped with the player malfunctions, the audio/video system will display a message. These are described below.

If "Check DISC" appears on the screen: It indicates that the disc is dirty, damaged, or it was inserted upside down. Clean the disc or insert it correctly. If a disc which is not playable is inserted, "Check DISC" will also appear on the screen. For appropriate discs for the player, see "AUDIO/VIDEO SYSTEM OPERATING HINTS" on page 276.

If "Region code error" appears on the screen: It indicates that the DVD region code is not set properly.

If the malfunction is not rectified: Take your vehicle to your Lexus dealer.

INFORMATION

- If an MP3/WMA disc contains CD-DA files only, the CD-DA files can be played. If an MP3/WMA disc contains CD-DA files and files other than CD-DA files, only MP3/WMA files can be played.

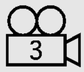
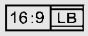
DVD PLAYER AND DVD VIDEO DISC INFORMATION

DVD VIDEO DISCS

This DVD player conforms to NTSC/PAL color TV formats. DVD video discs conforming to another format such as SECAM cannot be used.

Region codes: Some DVD video discs have a region code indicating which countries the DVD video disc can be played in on this DVD player. If the DVD video disc is not labeled as "ALL" or "1", you cannot use it on this DVD player. If you attempt to play an inappropriate DVD video disc on this player, "Region code error" appears on the screen. Even if the DVD video disc does not have a region code, there are cases when it cannot be used.

■ MARKS SHOWN ON DVD VIDEO DISCS

NTSC/PAL	Indicates NTSC/PAL format of color TV.
	Indicates the number of audio tracks.
	Indicates the number of language subtitles.
	Indicates the number of angles.
 	Indicates the screen to be selected. Wide screen: 16:9 Standard: 4:3
 	Indicates a region code by which this video disc can be played. ALL: in all countries Number: region code

5

AUDIO/VIDEO SYSTEM

DVD VIDEO DISC GLOSSARY

DVD video discs: Digital Versatile Disc that holds video. DVD video discs have adopted "MPEG2", one of the world standards of digital compression technologies. The picture data is compressed by 1/40 on average and stored. Variable rate encoded technology in which the volume of data assigned to the picture is changed depending on the picture format has also been adopted. Audio data is stored using PCM and Dolby Digital, which enables higher quality of sound. Furthermore, multi-angle and multi-language features will also help users enjoy the more advanced technology of DVD video.

Viewer restrictions: This feature limits what can be viewed in conformity with a level of restrictions of the country. The level of restrictions varies depending on the DVD video disc. Some DVD video discs cannot be played at all, or violent scenes are skipped or replaced with other scenes.

- Level 1: DVD video discs for children can be played.
- Level 2 - 7: DVD video discs for children and G-rated movie can be played.
- Level 8: All types of the DVD video discs can be played.

Multi-angle feature: The same scene can be enjoyed from different angles.

Multi-language feature: The subtitle and audio language can be selected.

Region codes: The region codes are provided on DVD players and DVD discs. If the DVD video disc does not have the same region code as the DVD player, you cannot play the disc on the DVD player. For region codes, see page 251.

Audio: This DVD player can play liner PCM, Dolby Digital and MPEG audio format DVDs. Other decoded types cannot be played.

Title and chapter: Video and audio programs stored in DVD video discs are divided into parts by title and chapter.

Title: The largest unit of the video and audio programs stored on DVD video discs. Usually, one movie, one album, or one audio program is assigned as a title.

Chapter: A unit smaller than that of title. A title comprises of several chapters.

8. USB MEMORY OPERATION

Connecting a USB memory enables users to enjoy music from the vehicle speakers.

CAUTION

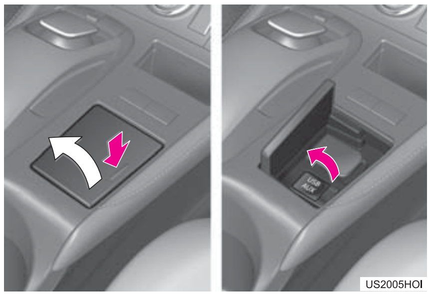
- Do not operate the player's controls or connect the USB memory while driving.

NOTICE

- Depending on the size and shape of the USB memory that is connected to the system, the lid may not close fully. In this case, do not forcibly close the lid as this may damage the USB memory or the terminal, etc.
- Do not leave your portable player in the car. In particular, high temperatures inside the vehicle may damage the portable player.
- Do not push down on or apply unnecessary pressure to the portable player while it is connected as this may damage the portable player or its terminal.
- Do not insert foreign objects into the port as this may damage the portable player or its terminal.

CONNECTING A USB MEMORY

1 Press the lid, open the cover and connect a USB memory.

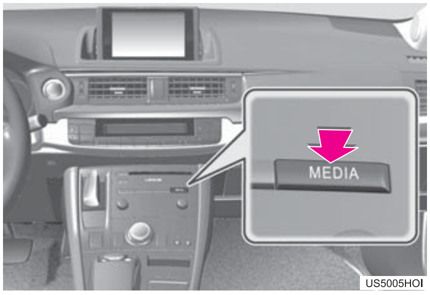


- Turn on the power of the USB memory if it is not turned on.

PLAYING A USB MEMORY

PLAYING AND PAUSING A USB MEMORY

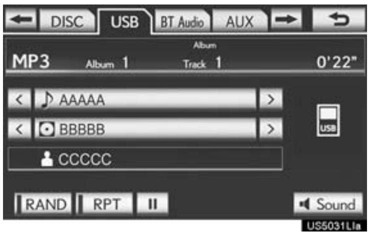
1 Press the **"MEDIA"** button if a USB memory has already been connected.



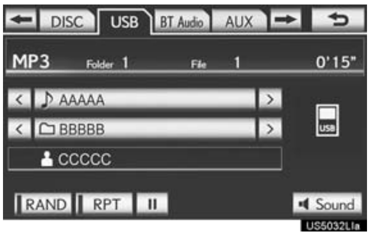
2 Select the **"USB"** tab or press the **"MEDIA"** button repeatedly until the **"USB"** tab is selected.

- For the Remote Touch operation method, see "SWITCHING BETWEEN FUNCTIONS" on page 211.

▶ Tag mode



▶ Folder mode



INFORMATION

- If tag information exists, the file/folder names will be changed to track/album names.

►: Select to start playing the music.

II: Select to pause the music.

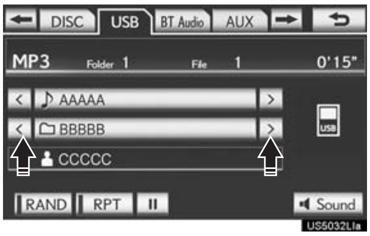
- To start playing the music again, select ►.

INFORMATION

- When the USB memory is connected and the audio source is changed to USB memory mode, the USB memory will start playing the first file in the first folder. If the same device is removed and reinserted (and the contents have not been changed), the USB memory will resume playing from the same point it was last used.
- Depending on the USB memory that is connected to the system, certain functions may not be available.

SELECTING A DESIRED FOLDER/ALBUM

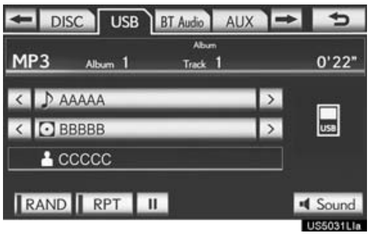
■ ON THE USB TOP SCREEN



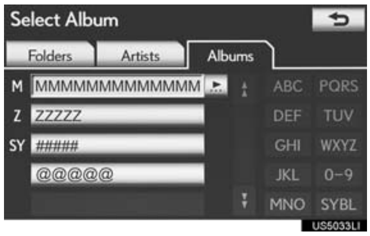
, : Select to skip to the next or previous folder/album.

SELECTING A DESIRED FOLDER, ARTIST OR ALBUM

1 Select the folder/album name screen button.



2 Select the desired tab and select the desired folder, artist or album.



● Character screen buttons, **"ABC"**, **"DEF"** etc., allow a direct jump to list entries that begin with the same letter as the character button.
Each time the same character screen button is selected, the list starting with the subsequent character is displayed.

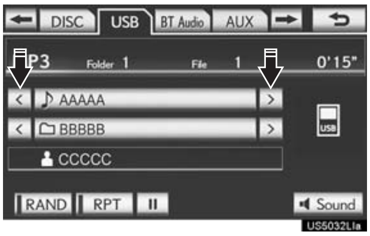
, : Select to move the list up or down by 5 folder/artist/album groups. If either of these screen buttons is selected when the top/bottom page of the list is displayed, the last/first page is displayed.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the folder/artist/album list.

, : If appears to the right of an item name, the complete name is too long for the screen. Select to scroll to the end of the name. Select to move to the beginning of the name.

SELECTING A DESIRED FILE/ TRACK

■ ON THE USB TOP SCREEN



, : Select to skip to the next or previous file/track.

"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** repeatedly until the desired file/track number appears on the screen. The player will start playing the selected file/track from the beginning.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to skip to the desired file/track.

■ ON THE FILE/TRACK LIST SCREEN

1 Select the file/track name screen button to display the following file/track list screen.



2 Select the desired file/track number. The player will start playing the selected file/track from the beginning.

, : Select to move the list up or down by 5 file/track groups. If either of these screen buttons is selected when the top/bottom page of the list is displayed, the last/first page is displayed.

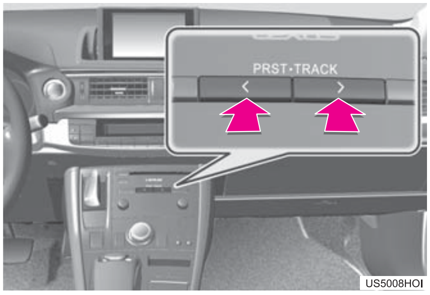
"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** to scroll through the file/track list one by one.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the file/track list.

, : If appears to the right of an item name, the complete name is too long for the screen. Select to scroll to the end of the name. Select to move to the beginning of the name.

■ FAST FORWARDING OR REWINDING

1 Press and hold the ">" or "<" button of **"PRST·TRACK"** to fast forward or rewind the file/track.



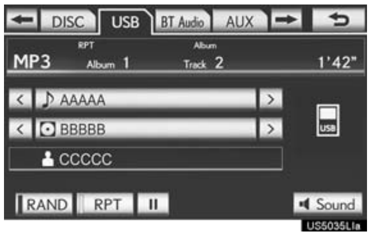
- When the button is released, the player resumes playing from that position.

REPEATING

The file or folder currently being listened to can be repeated.

■ REPEATING A FILE/TRACK

1 Select **"RPT"** while the file or track is playing.



- Each time **"RPT"** is selected, the mode changes as follows:

▶ When "RAND" is off

- File/Track Repeat → Folder/Album Repeat → Off

▶ When "RAND" is on

- File/Track Repeat → Off

- "RPT" appears on the screen. When the file/track is finished, the player will automatically play it again. To cancel this function, select **"RPT"** repeatedly until the repeat mode turns off.

■ REPEATING A FOLDER/ALBUM

1 Select **"RPT"** repeatedly until "FLD.RPT" appears on the screen.

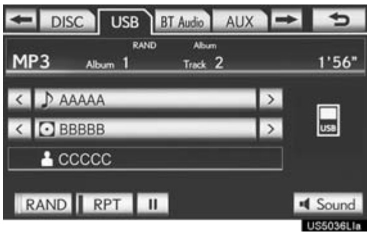
- When the folder/album is finished, the player will automatically go back to the beginning of the folder/album and play it again. To cancel this function, select **"RPT"** again.

RANDOM ORDER

Files or folders can be automatically and randomly selected.

PLAYING FILES/TRACKS IN RANDOM ORDER

1 Select **“RAND”** while the file or track is playing.



- Each time **“RAND”** is selected, the mode changes as follows:
  - Random (1 Folder/Album Random) → Folder/Album Random (All Folder/Album Random) → Off
- Once “RAND” appears on the screen, the system selects a file/track randomly from the folder/album currently being listened to. To cancel this function, select **“RAND”** repeatedly until the random mode turns off.

ALL FOLDER/ALBUM RANDOM PLAY

1 Select **“RAND”** repeatedly until “FLD.RAND” appears on the screen.

- Once “FLD.RAND”/“ALB.RAND” appears on the screen, the system selects a file randomly from all of the existing folders or albums. To cancel this function, select **“RAND”** again.

9. iPod OPERATION

Connecting an iPod enables users to enjoy music from the vehicle speakers.

CAUTION

- Do not operate the player's controls or connect the iPod while driving.

NOTICE

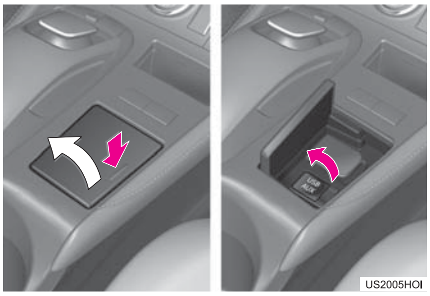
- Depending on the size and shape of the iPod that is connected to the system, the lid may not close fully. In this case, do not forcibly close the lid as this may damage the iPod or the terminal, etc.
- Do not leave your portable player in the car. In particular, high temperatures inside the vehicle may damage the portable player.
- Do not push down on or apply unnecessary pressure to the portable player while it is connected as this may damage the portable player or its terminal.
- Do not insert foreign objects into the port as this may damage the portable player or its terminal.

INFORMATION

- When an iPod is connected using a genuine iPod cable, the iPod starts charging its battery.

CONNECTING iPod

1 Press the lid, open the cover and connect iPod using an iPod cable.

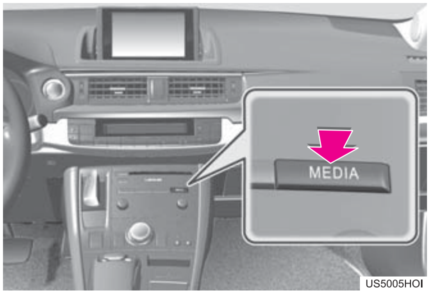


- Turn on the power of the iPod if it is not turned on.

PLAYING iPod

PLAYING AND PAUSING iPod

1 Press the **“MEDIA”** button if an iPod has already been connected.



2 Select the **“iPod”** tab or press the **“MEDIA”** button repeatedly until the **“iPod”** tab is selected.

● For the Remote Touch operation method, see “SWITCHING BETWEEN FUNCTIONS” on page 211.



: Select to start playing the music.

: Select to pause the music.

● To start playing the music again, select .

INFORMATION

● When the iPod connected to the system includes iPod video, the system can only output the sound by selecting **“Video”** on the “iPod” screen.

● Depending on the iPod, the video sound may not be able to be heard.

● Depending on the iPod and the songs in the iPod, iPod cover art may be displayed. This function can be changed to **“On”** or **“Off”**. See “iPod SETTINGS” on page 288. It may take time to display iPod cover art, and the iPod may not be operated while the cover art display is in process. Only the iPod cover art that is saved in JPEG format can be displayed.

● When an iPod is connected and the audio source is changed to iPod mode, the iPod will resume playing from the same point it was last used.

● Depending on the iPod that is connected to the system, certain functions may not be available.

SELECTING A PLAY MODE

1 Select **“Browse”**.



2 Select the desired play mode.



SELECTING A DESIRED TRACK

■ ON THE iPod TOP SCREEN



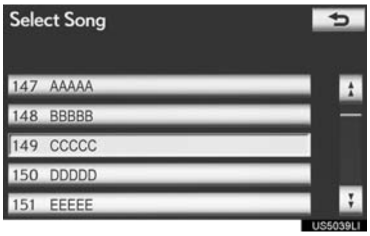
, : Select to skip to the next or previous track.

"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** repeatedly until the desired track number appears on the screen. The player will start playing the selected track from the beginning.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to skip to the desired track.

■ ON THE TRACK LIST SCREEN

1 Select the track name screen button to display the following track list screen.



2 Select the desired track number. The player will start playing the selected track from the beginning.

, : Select to move the list up or down by 5 track groups. If either of these screen buttons is selected when the top/bottom page of the list is displayed, the last/first page is displayed.

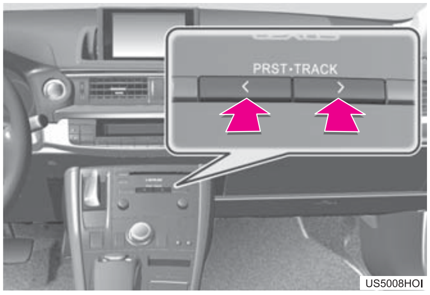
"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** to scroll through the track list one by one.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the track list.

, : If  appears to the right of an item name, the complete name is too long for the screen. Select  to scroll to the end of the name. Select  to move to the beginning of the name.

■ FAST FORWARDING OR REWINDING

1 Press and hold the **“>”** or **“<”** button of **“PRST·TRACK”** to fast forward or rewind the player.



- When the button is released, the player resumes playing from that position.

REPEATING

The track currently being listened to can be repeated.

1 Select **“RPT”** while the track is playing.



- “RPT” appears on the screen. When the track is finished, the player will automatically play it again. To cancel this function, select **“RPT”** again.

RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

■ PLAYING TRACKS IN RANDOM ORDER

1 Select **“RAND”** while the track is playing.



- Each time **“RAND”** is selected, the mode changes as follows:
  - Track Shuffle → Album Shuffle → Off
- Once “RAND” appears on the screen, the system selects a track randomly from all of the existing albums on the iPod. To cancel this function, select **“RAND”** twice.

■ PLAYING ALBUMS IN RANDOM ORDER

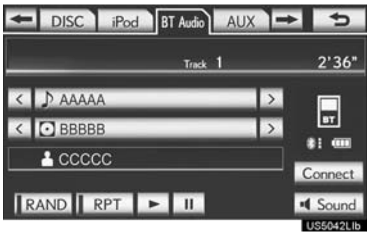
1 Select **“RAND”** repeatedly until “ALB.RAND” appears on the screen.

- Once “ALB.RAND” appears on the screen, the system selects an album randomly from all of the existing albums on the iPod. To cancel this function, select **“RAND”** again.

10. Bluetooth® AUDIO OPERATION

The Bluetooth® audio system enables users to enjoy listening to music that is played on a portable player on the vehicle speakers via wireless communication.

This audio system supports Bluetooth®, a wireless data system capable of playing portable audio music without cables. If your portable player does not support Bluetooth®, the Bluetooth® audio system will not function.



Bluetooth®

Bluetooth is a trademark owned by Bluetooth SIG, Inc.

CAUTION

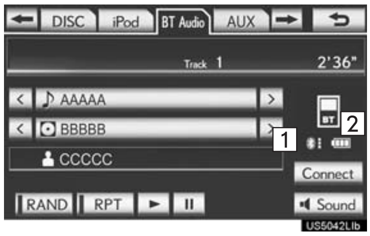
- Do not operate the player's controls or connect to the Bluetooth® audio system while driving.
- An antenna for the Bluetooth® connection is built in the instrument panel. People with implanted pacemakers or cardiac defibrillators should maintain a reasonable distance between themselves and the Bluetooth® antennas. The radio waves may affect the operation of such devices.
- Before using portable players, users of any electrical medical device other than implanted pacemakers and implanted cardiac defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves. Radio waves could have unexpected effects on the operation of such medical devices.

NOTICE

- Do not leave your portable player in the vehicle. In particular, high temperatures inside the vehicle may damage the portable player.

INFORMATION

- In the following conditions, the system may not function:
  - The portable player is turned off.
  - The portable player is not connected.
  - The portable player has a low battery.
- It may take time to connect the phone when Bluetooth® audio is being played.
- Portable players must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, some functions may be limited depending on the type of portable player. Also, the different screen is displayed depending on which portable player is connecting.
  - Bluetooth® Specification
    Ver.1.1 or higher
    (Recommended: Ver.2.1 + EDR or higher)
  - Profile
    A2DP (Advanced Audio Distribution Profile) Ver.1.0 or higher
    (Recommended: Ver.1.2 or higher)
    AVRCP (Audio/Video Remote Control Profile) Ver.1.0 or higher
    (Recommended: Ver.1.4 or higher)
- Refer to http://www.lexus.com/MobileLink to find approved Bluetooth® devices for this system.



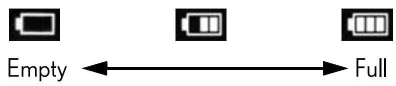
1 The quality of the Bluetooth® connection is indicated as follows:

: An excellent connection to Bluetooth®.

: Indicates a bad connection to Bluetooth®, resulting in possible deterioration of audio quality.

: No connection to Bluetooth®.

2 Indicates the amount of battery charge left.



INFORMATION

- Remaining charge is not displayed while the Bluetooth® device is connecting.
- The amount of charge left does not always correspond correctly with your portable player.
- This system does not have a charging function.
- An antenna for Bluetooth® connection is built into the instrument panel. The condition of the Bluetooth® connection may not be good and the system may not function when using a Bluetooth® portable player in the following conditions:
  - The portable player is obstructed by certain objects (behind a seat or in the glove box or console box).
  - The portable player touches or is covered with metal materials.
- Leave the Bluetooth® portable player in a place where the condition of Bluetooth® connection is good.

- Portable player information is registered when the portable player is connected to the Bluetooth® audio system. When selling or disposing of the vehicle, remove the Bluetooth® audio information from the system. (See "DELETING A Bluetooth® DEVICE" on page 197.)

▶U.S.A.

- **FCC ID : BABFT0033C**
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

- FCC WARNING
  Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- CAUTION: Radio Frequency Radiation Exposure
  This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).
- Co-location: This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

▶ Canada

- **IC: 2024B-FT0033C**
- This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAUTION

- CAUTION: Radio Frequency Radiation Exposure
  This equipment complies with IC radiation exposure limits set forth for uncontrolled equipment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).
- This Category II radiocommunication device complies with Industry Canada Standard RSS-310.
- Ce dispositif de radiocommunication de catégorie II respecte la norme CNR-310 d'Industrie Canada.

CONNECTING A Bluetooth® AUDIO PLAYER

To use the Bluetooth® audio system, it is necessary to register a portable player with the system. Once the portable player has been registered, it is possible to listen to the music.

Once the portable player has been registered, it is possible to listen to music through the navigation system. (See “REGISTERING A Bluetooth® DEVICE” on page 196.)

INFORMATION

- For operating the portable player, see the instruction manual that comes with it.

WHEN “Bluetooth* Power” IS ON

- The portable player will be automatically connected under the following conditions:
  - The “POWER” switch is in either ACCESSORY or ON mode.
  - When **“Bluetooth* Power”** is switched from off to on.
  - When the portable player is disconnected for some reason.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

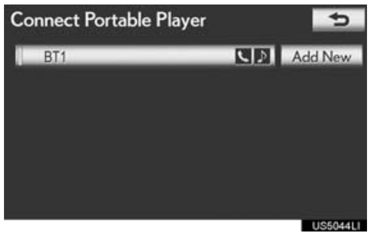
WHEN “Bluetooth* Power” IS OFF

Manually connect the portable player in accordance with the following procedure.

1 Select **“Connect”**.



2 Select the desired portable player.



3 When the connection is completed, this screen is displayed. It is now possible to use the portable player.



INFORMATION

- Selecting **"Connect Portable Player"** on the "Bluetooth*" screen also connects a Bluetooth® audio player. (See page 201.)
- When none of the selectable portable players have been registered, a screen confirming registration is displayed. Registration method is the same as phone registration. (See page 153.)
- When the currently connected portable player is selected, a screen confirming the selected player's disconnection is displayed. (See page 202.)
- If connection fails once, a changing connection method confirmation screen is displayed. If connection fails 2 or more times, a message will be displayed. When this message is displayed, try again.

RECONNECTING THE PORTABLE PLAYER

If the portable player is disconnected due to poor reception from the Bluetooth® network when the "POWER" switch is in ACCESSORY or ON mode, the system automatically reconnects the portable player.

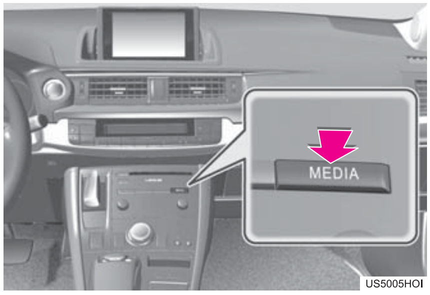
- If the Bluetooth® device is disconnected on purpose, such as it was turned off, this does not happen. Reconnect the portable player manually.

*: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

PLAYING Bluetooth® AUDIO

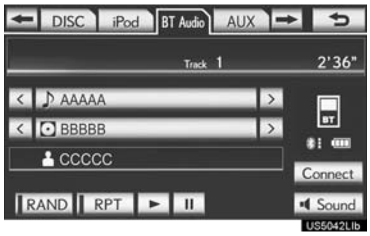
PLAYING AND PAUSING Bluetooth® AUDIO

1 Press the **"MEDIA"** button if a Bluetooth® audio player has already been connected.



2 Select the **"BT Audio"** tab or press the **"MEDIA"** button repeatedly until the **"BT Audio"** tab is selected.

- For the Remote Touch operation method, see "SWITCHING BETWEEN FUNCTIONS" on page 211.



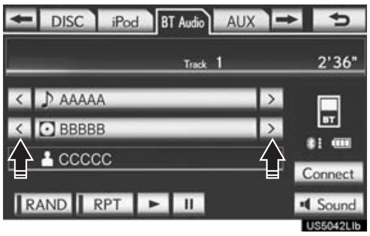
►: Select to start playing the music.

II: Select to pause the music.

● To start playing the music again, select .
● Depending on the portable player that is connected to the system, the music may start playing when selecting while it is paused. Conversely, the music may pause when selecting while it is playing.

SELECTING A DESIRED TRACK/FOLDER/ALBUM

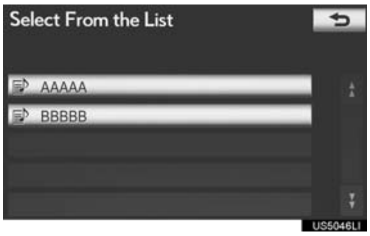
■ ON THE AUDIO TOP SCREEN



, : Select to skip to the next or previous folder/album.

■ ON THE PLAYLIST SCREEN

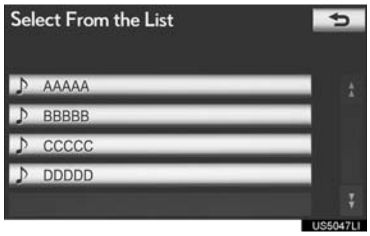
1 Select the album name screen button to display the following playlist screen.



2 Select the desired screen button.

● If the folder name screen button is selected, the track list screen is displayed.

3 Select the desired track name screen button.



, : Select to move the list up or down by 5 track/folder groups. If either of these screen buttons is selected when the top/bottom page of the list is displayed, the last/first page is displayed.

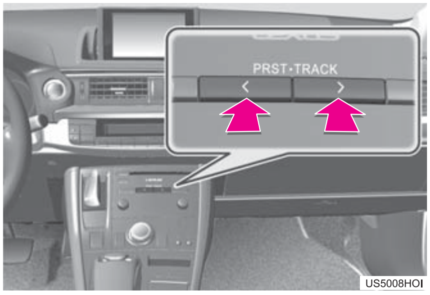
"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** to scroll through the track list one by one.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the track/folder list.

, : If appears to the right of an item name, the complete name is too long for the screen. Select to scroll to the end of the name. Select to move to the beginning of the name.

■ FAST FORWARDING OR REWINDING

1 Press and hold the ">" or "<" button of **"PRST·TRACK"** to fast forward or rewind the song.



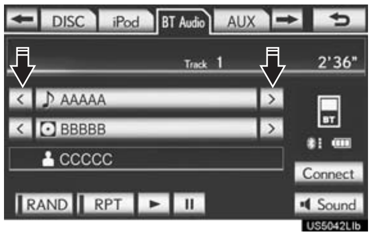
- When the button is released, the player resumes playing from that position.

INFORMATION

- Depending on the portable player that is connected to the system, certain functions may not be available.
- Some titles may not be displayed depending on the type of portable player.

SELECTING A DESIRED TRACK

■ ON THE AUDIO TOP SCREEN



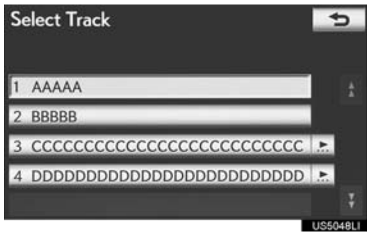
>, <: Select to skip to the next or previous track.

"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** repeatedly until the desired track number appears on the screen. The player will start playing the selected track from the beginning.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to skip to the desired track.

■ ON THE TRACK LIST SCREEN

1 Select the track name screen button to display the following track list screen.



2 Select the desired track number. The player will start playing the selected track from the beginning.

, : Select to move the list up or down by 5 track groups. If either of these screen buttons is selected when the top/bottom page of the list is displayed, the last/first page is displayed.

"PRST·TRACK" button: Press the ">" or "<" button of **"PRST·TRACK"** to scroll through the track list one by one.

"TUNE·SCROLL" knob: Turn the knob clockwise or counterclockwise to quickly scroll up or down the track list.

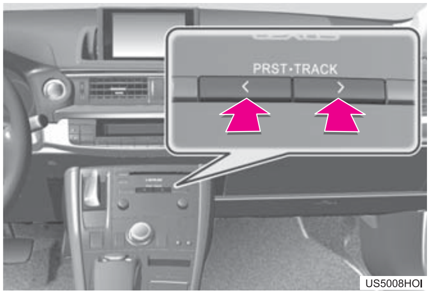
, : If appears to the right of an item name, the complete name is too long for the screen. Select to scroll to the end of the name. Select to move to the beginning of the name.

INFORMATION

- Depending on the portable player that is connected to the system, certain functions may not be available.

■FAST FORWARDING OR REWINDING

1 Press and hold the ">" or "<" button of **"PRST·TRACK"** to fast forward or rewind the track.



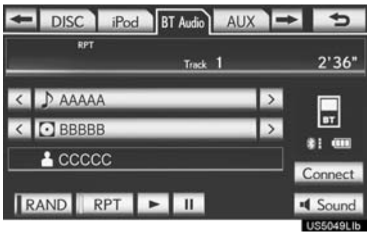
- When the button is released, the player resumes playing from that position.

REPEATING

The track or album currently being listened to can be repeated.

REPEATING A TRACK

1 Select **"RPT"** while the track is playing.



- Each time **"RPT"** is selected, the mode changes as follows:
  - Track Repeat → Album Repeat → Off
- "RPT" appears on the screen. When the track is finished, the player will automatically play it again. To cancel this function, select **"RPT"** repeatedly until the repeat mode turns off.

REPEATING AN ALBUM

1 Select **"RPT"** repeatedly until "ALB.RPT" appears on the screen.

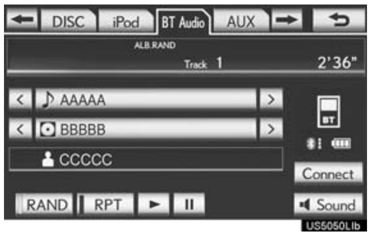
- When the album is finished, the player will automatically go back to the beginning of the album and play it again. To cancel this function, select **"RPT"** again.

RANDOM ORDER

Tracks or albums can be automatically and randomly selected.

PLAYING THE TRACKS ON THE ALBUM IN RANDOM ORDER

1 Select **"RAND"** while the track is playing.



- Each time **"RAND"** is selected, the mode changes as follows:
  - Album Random → All Track Random → Off
- Once "RAND" appears on the screen, the system selects a track randomly from the album currently being listened to. To cancel this function, select **"RAND"** repeatedly until the random mode turns off.

■ PLAYING TRACKS FROM ALL THE ALBUMS IN RANDOM ORDER

1 Select **"RAND"** repeatedly until "ALB.RAND" appears on the screen.

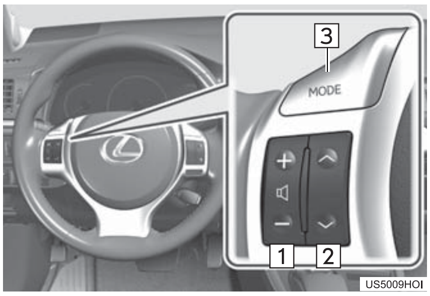
- Once "ALB.RAND" appears on the screen, the system selects a track randomly from all of the existing albums on the Bluetooth® device. To cancel this function, select **"RAND"** again.

INFORMATION

- Depending on the portable player that is connected to the system, certain functions may not be available.

11. AUDIO/VIDEO REMOTE CONTROLS (STEERING SWITCHES)

Some parts of the audio/video system can be adjusted using the switches on the steering wheel.



No.	Switch
1	Volume control switch
2	"∧ ∨" switch
3	"MODE" switch

1 Volume control switch

- Press the "+" side to increase the volume. The volume continues to increase while the switch is being pressed.
- Press the "-" side to decrease the volume. The volume continues to decrease while the switch is being pressed.

2 "∧ ∨" switch

▶Radio

To select a preset station/channel: Quickly press and release the "∧" or "∨" switch. Repeat this to select the next preset station/channel.

To seek a station/channel: Press and hold the "∧" or "∨" switch until a beep is heard. Repeat this to find the next station/channel. If either switch is pressed during seek mode, seeking will be canceled.

- To seek up or down the frequency, press and hold the switch until a beep is heard. When you release the switch, the radio will begin seeking up or down for a station/channel. Repeat to find the next station/channel.

▶DVD player

- Use the "∧" or "∨" switch to skip up or down to a different track, file or chapter in either direction.

To select a desired track, file or chapter: Quickly press and release the "∧" or "∨" switch until the desired track, file or chapter to play is selected. To return to the beginning of the current track, file or chapter, press the "∨" switch once quickly.

To select a desired folder: Press and hold the "∧" or "∨" switch until a beep is heard to change to the next or the previous folder. Repeat it until the desired folder is selected.

▶ Bluetooth® audio player

- Use the "∧" or "∨" switch to skip up or down to a different track or album in either direction.

To select a desired track: Quickly press and release the "∧" or "∨" switch until the desired track is selected. To return to the beginning of the current track, press the "∨" switch once quickly.

To select a desired album: Press and hold the "∧" or "∨" switch until a beep is heard to change to the next or the previous album. Repeat it until the desired album is selected.

▶ USB memory/iPod

- Use the "∧" or "∨" switch to skip up or down to a different file or track in either direction.

To select a desired file or track: Press the "∧" or "∨" switch until the desired file or track is selected. To return to the beginning of the current file or track, press the "∨" switch once quickly.

To select a desired folder or album (USB memory only): Press and hold the "∧" or "∨" switch until a beep is heard to change to the next or the previous folder or album. Repeat it until the desired folder or album is selected.

3 **"MODE"** switch

- Press the **"MODE"** switch to select an audio mode. Each press changes the mode sequentially if the desired mode is ready to use.
- To turn the audio/video system on, press the **"MODE"** switch.
- Press and hold the **"MODE"** switch to mute/unmute or pause/resume the current operation.

12. AUDIO/VIDEO SYSTEM OPERATING HINTS

NOTICE

- To ensure correct audio/video system operations:
  - Be careful not to spill beverages over the audio/video system.
  - Do not put anything other than an appropriate disc into the disc slot.
  - The use of a cellular phone inside or near the vehicle may cause a noise from the speakers of the audio/video system which you are listening to. However, this does not indicate a malfunction.

RADIO RECEPTION

Usually, a problem with radio reception does not mean there is a problem with the radio — it is just the normal result of conditions outside the vehicle.

For example, nearby buildings and terrain can interfere with FM reception. Power lines or phone wires can interfere with AM signals. And of course, radio signals have a limited range. The farther the vehicle is from a station, the weaker its signal will be. In addition, reception conditions change constantly as the vehicle moves.

Here, some common reception problems that probably do not indicate a problem with the radio are described.

FM

Fading and drifting stations: Generally, the effective range of FM is about 25 miles (40 km). Once outside this range, you may notice fading and drifting, which increase with the distance from the radio transmitter. They are often accompanied by distortion.

Multi-path: FM signals are reflective, making it possible for 2 signals to reach the vehicle's antenna at the same time. If this happens, the signals will cancel each other out, causing a momentary flutter or loss of reception.

Static and fluttering: These occur when signals are blocked by buildings, trees or other large objects. Increasing the bass level may reduce static and fluttering.

Station swapping: If the FM signal being listened to is interrupted or weakened, and there is another strong station nearby on the FM band, the radio may tune in the second station until the original signal can be picked up again.

AM

Fading: AM broadcasts are reflected by the upper atmosphere – especially at night. These reflected signals can interfere with those received directly from the radio station, causing the radio station to sound alternately strong and weak.

Station interference: When a reflected signal and a signal received directly from a radio station are very nearly the same frequency, they can interfere with each other, making it difficult to hear the broadcast.

Static: AM is easily affected by external sources of electrical noise, such as high tension power lines, lightening or electrical motors. This results in static.

XM

- Cargo loaded on the roof luggage carrier, especially metal objects, may adversely affect the reception of XM Satellite Radio.
- Alternation or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

iPod

Made for iPod iPhone

- "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.
- Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
- iPhone, iPod, iPod classic, iPod nano and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

COMPATIBLE MODELS

The following iPod®, iPod nano®, iPod classic®, iPod touch® and iPhone® devices can be used with this system.

Made for

- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod classic
- iPod with video
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod nano (2nd generation)
- iPod nano (1st generation)
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

Depending on differences between models or software versions etc., some models might be incompatible with this system.

USB MEMORY

- USB memory that can be used for MP3 and WMA playback:
  - USB communication formats: USB 2.0 HS (480 Mbps) and FS (12 Mbps)
  - File formats: FAT 16/32
  - Correspondence class: Mass storage class

CARING FOR YOUR DVD PLAYER AND DISC

- This DVD player is intended for use with 4.7 in. (12 cm) discs only.
- Extremely high temperatures can keep the DVD player from working. On hot days, use the air conditioning system to cool the inside of the vehicle before using the player.
- Bumpy roads or other vibrations may make the DVD player skip.
- If moisture gets into the DVD player, the discs may not be able to be played. Remove the discs from the player and wait until it dries.

⚠ CAUTION

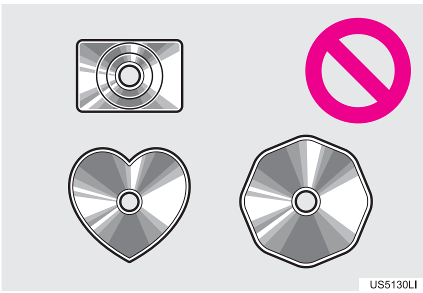
- DVD players use an invisible laser beam which could cause hazardous radiation exposure if directed outside the unit. Be sure to operate the player correctly.

DVD PLAYER

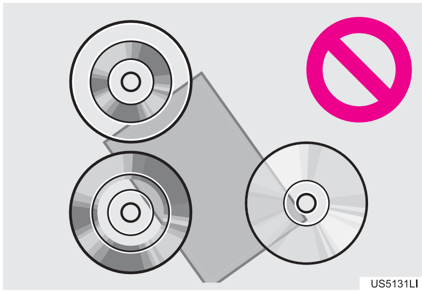
Audio CDs		
DVD video discs		

● Use only discs marked as shown above. The following products may not be playable on your player:
- SACD
- dts CD
- Copy-protected CD
- DVD audio
- Video CD
- DVD+R
- DVD+RW
- DVD-RAM

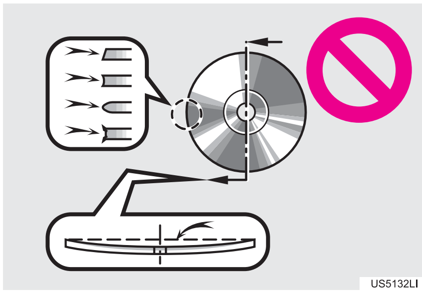
▶ Special shaped discs



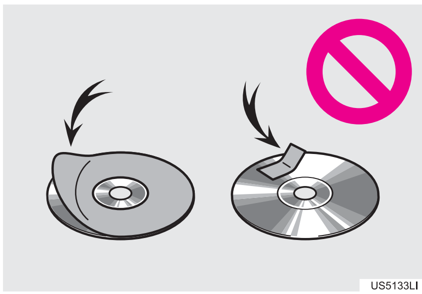
▶ Transparent/translucent discs



▶ Low quality discs

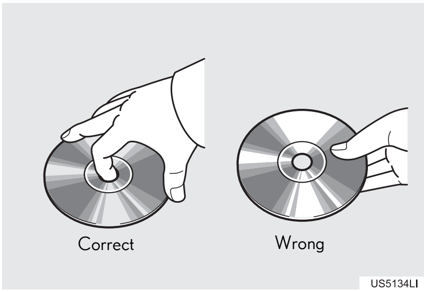


▶ Labeled discs

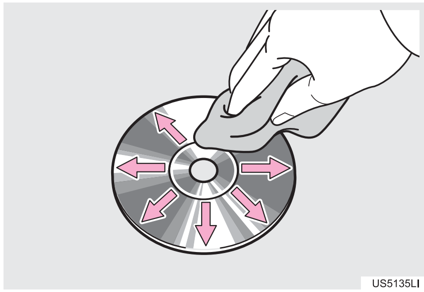


NOTICE

- Do not use special shaped, transparent/translucent, low quality or labeled discs such as those shown in the illustrations. The use of such discs may damage the player, or it may be impossible to eject the disc.
- This system is not designed for use of Dual Discs. Do not use Dual Discs because they may cause damage to the player.
- Do not use discs with a protection ring. The use of such discs may damage the player, or it may be impossible to eject the disc.



- Handle discs carefully, especially when inserting them. Hold them on the edge and do not bend them. Avoid getting fingerprints on them, particularly on the shiny side.
- Dirt, scratches, warping, pin holes or other disc damage could cause the player to skip or to repeat a section of a track. (To see a pin hole, hold the disc up to the light.)
- Remove discs from the players when not in use. Store them in their plastic cases away from moisture, heat and direct sunlight.



To clean a disc: Wipe it with a soft, lint-free cloth that has been dampened with water. Wipe in a straight line from the center to the edge of the disc (not in circles). Dry it with another soft, lint-free cloth. Do not use a conventional record cleaner or anti-static device.

MP3/WMA FILES

- MP3 (MPEG Audio Layer 3) and WMA (Windows Media Audio) are audio compression standards.
- The MP3/WMA player can play MP3 and WMA files on CD-ROM, CD-R and CD-RW discs.
- The unit can play disc recordings compatible with ISO 9660 level 1 and level 2 and with the Romeo and Joliet file system.
- When naming an MP3 or WMA file, add the appropriate file extension (.mp3 or .wma).
- The MP3/WMA player plays back files with .mp3 or .wma file extensions as MP3 or WMA files. To prevent noise and playback errors, use the appropriate file extensions.
- The MP3/WMA player can play only the first session when using multi-session compatible CDs.

- MP3 player: MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2 and Ver. 2.3 formats. The unit cannot display disc title, track title and artist name in other formats.
- USB memory: MP3 files are compatible with the ID3 Tag Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3 and Ver. 2.4 formats. The unit cannot display track title and artist name in other formats.
- WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title and artist name.
- The emphasis function is available only when playing MP3/WMA files recorded at 32, 44.1 and 48 kHz.

SAMPLING FREQUENCY

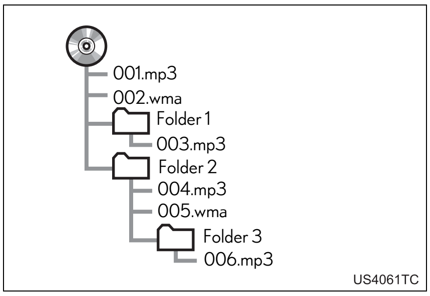
- MP3 files for MP3 player:
  MPEG 1 LAYER 3 – 32, 44.1, 48 kHz
  MPEG 2 LSF LAYER 3 – 16, 22.05, 24 kHz
  MP3 files for USB memory:
  MPEG 1 AUDIO LAYER 2, 3 – 32, 44.1, 48 kHz
  MPEG 2 AUDIO LAYER 2, 3 – 16, 22.05, 24 kHz
  WMA files for WMA player:
  Ver. 7, 8, 9 (9.1/9.2) CBR – 32, 44.1, 48 kHz
  WMA files for USB memory:
  Ver. 7, 8, 9 (9.1/9.2) CBR – 32, 44.1, 48 kHz

- The sound quality of MP3/WMA files generally improves with higher bit rates. In order to achieve a reasonable level of sound quality, discs recorded with a bit rate of at least 128 kbps are recommended.

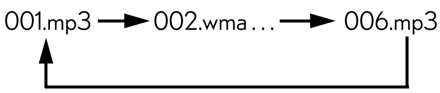
PLAYABLE BIT RATES

- MP3 files for MP3 player:
  MPEG1 LAYER3 – 32 to 320 kbps
  MPEG2 LSF LAYER3 – 8 to 160 kbps
  MP3 files for USB memory:
  MPEG 1 AUDIO LAYER 3 – 32 to 320 kbps
  MPEG 2 AUDIO LAYER 3 – 8 to 160 kbps
  WMA files for WMA player:
  Ver. 7, 8 CBR – 48 to 192 kbps
  Ver. 9 (9.1/9.2) CBR – 48 to 320 kbps (VBR*)
  WMA files for USB memory:
  Ver. 9 (9.1/9.2) CBR – 48 to 320 kbps (VBR*)
  *: Variable Bit Rate
- The MP3/WMA player does not play back MP3/WMA files from discs recorded using packet write data transfer (UDF format). Discs should be recorded using “pre-mastering” software rather than packet-write software.
- M3u playlists are not compatible with the audio player.
- MP3i (MP3 interactive) and MP3PRO formats are not compatible with the audio player.
- The player is compatible with VBR (Variable Bit Rate).
- When playing back files recorded as VBR (Variable Bit Rate) files, the play time will not be correctly displayed if the fast forward or reverse operations are used.

- It is not possible to check folders that do not include MP3/WMA files.
- MP3/WMA files in folders up to 8 levels deep can be played. However, the start of playback may be delayed when using discs containing numerous levels of folders. For this reason, we recommend creating discs with no more than 2 levels of folders.



- The play order of the compact disc with the structure shown above is as follows:



- MP3/WMA player: It is possible to play up to 192 folders or 255 files on one disc.
- USB memory: It is possible to play up to 3000 folders, 255 files per folder or 9999 files in the device.
- The order changes depending on the personal computer and MP3/WMA encoding software you use.

CD-R AND CD-RW DISCS

- CD-R/CD-RW discs that have not been subject to the “finalizing process” (a process that allows discs to be played on a conventional CD player) cannot be played.
- It may not be possible to play CD-R/CD-RW discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, condensation, etc. on the lens of the unit.
- It may not be possible to play discs recorded on a personal computer depending on the application settings and the environment. Record with the correct format. (For details, contact the appropriate application manufacturers of the applications.)
- CD-R/CD-RW discs may be damaged by direct exposure to sunlight, high temperatures or other storage conditions. The unit may be unable to play some damaged discs.
- If you insert a CD-RW disc into the MP3/WMA player, playback will begin more slowly than with a conventional CD or CD-R disc.
- Recordings on CD-R/CD-RW cannot be played using the DDCD (Double Density CD) system.

TERMS

PACKET WRITE

- This is a general term that describes the process of writing data on-demand to CD-R, etc., in the same way that data is written to floppy or hard discs.

ID3 TAG

- This is a method of embedding track-related information in an MP3 file. This embedded information can include the track title, the artist's name, the album title, the music genre, the year of production, comments and other data. The contents can be freely edited using software with ID3 tag editing functions. Although the tags are restricted to a number of characters, the information can be viewed when the track is played back.

WMA TAG

- WMA files can contain a WMA tag that is used in the same way as an ID3 tag. WMA tags carry information such as track title and artist name.

ISO 9660 FORMAT

- This is the international standard for the formatting of CD-ROM folders and files. For the ISO 9660 format, there are 2 levels of regulations.
- Level 1: The file name is in 8.3 format (8 character file names, with a 3 character file extension. File names must be composed of one-byte capital letters and numbers. The "_" symbol may also be included.)
- Level 2: The file name can have up to 31 characters (including the separation mark "." and file extension). Each folder must contain fewer than 8 hierarchies.

m3u

- Playlists created using "WINAMP" software have a playlist file extension (.m3u).

MP3

- MP3 is an audio compression standard determined by a working group (MPEG) of the ISO (International Standard Organization). MP3 compresses audio data to about 1/10 the size of that on conventional discs.

WMA

- WMA (Windows Media Audio) is an audio compression format developed by Microsoft®. It compresses files into a size smaller than that of MP3 files. The decoding formats for WMA files are Ver. 7, 8 and 9.

- Music recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information visit www.gracenote.com.

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